Multichannel High Power Transmitter

*869 MHZ FSK HIGH POWER **500 mW***

TX 869 BOOST

Part Number: 650201088G

DESCRIZIONE

Modulo trasmettitore multicanale FSK con antenna esterna per applicazioni di trasmissione di dati digitali a lunga distanza. Conforme CEPT 70-03 Annesso 1 43

APPLICATIONS

- *Localizzazione animali*
- *Irrigazione giardini*
- *Telesoccorso*
- *Segnaletica stradale temporanea*
- *Telemetria ambientale*

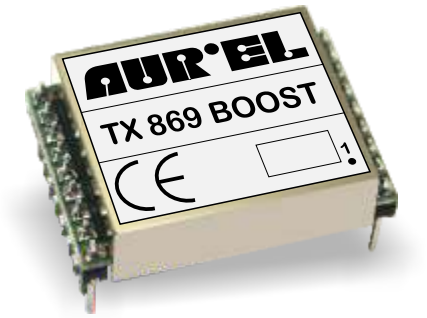
DESCRIPTION

Multichannel FSK transmitter module with external antenna ideal for applications of long range digital data transmission. Compliant to CEPT 70-03 Annex 1 43

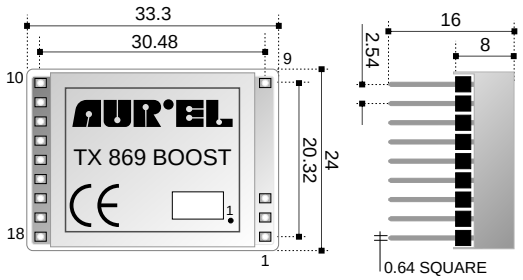
APPLICATIONS

- *Animal Tracking*
- *Garden Irrigation*
- *Rescue*
- *Road works lighting*
- *Environment telemetry*

DIMENSIONS



COMPONENT SIDE



PIN-OUT

1) GND RF	*13) AUX IN (NC)*
2) ANT	*14) DATA IN*
3) GND RF	*15) PA-CTRL*
9) GND	*16) ENABLE*
10) GND	*17) VCC*
11) FSEL 0	*18) GND*
12) FSEL 1	

TECHNICAL SPECIFICATION

Ta = 25 °C

CHARACTERISTICS	CARATTERISTICHE	MIN	TYP	MAX	UNIT
Supply voltage	*Alimentazione*	*3*	*5*	*5.5*	*Vdc*
Supply current	*Corrente assorbita*		*420*	*480*	*mA*
Supply current (STAND BY)	*Corrente assorbita (STAND BY)*		*0.3*	*1*	*µA*
Working frequncy (4 CH)	*Frequenza di lavoro (4 CANALI)*		*869.45 - 869.60*		*MHz*
RF output power	*Potenza in uscita RF*	*+24*	***+27***		*dBm*
RF output impedance	*Impedenza di uscita RF*		*50*		*Ohm*
Output high voltage (DATA IN)	*Livello alto d'uscita (DATA IN)*	*2.8*		*5.5*	*V*
Output low voltage	*Livello basso d'uscita*			*0.1*	*V*
Data rate Manchester	*Data rate Manchester*	*0.5*		*19.2*	*Kbps*
Operating temperature range	*Temperatura di lavoro*	*-20*		*+80*	*°C*

Information subject to change without notice

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